AIRS Level 2 Workshop 6/21/01

Action Items:

Sung-Yung Lee, John Blaisdell and others as necessary, to plan for implementation of input data checking and processing in the L2_PGE.

Sung-Yung Lee to coordinate adding (resurrecting) module to compute cloud-cleared radiances using regression (MW -> IR)

Chris Barnet and John Blaisdell will make the top priority task is to reconcile differences between JPL system and GSFC system

John Blaisdell, Sung-Yung Lee and Bob Oliphant will adjust L2_PGE flow so that even when MW retrieval fails the cloud retrieval and the OLR retrieval can be performed.

Larry McMillin is to review the documentation on PREPQC (Leroy docs, etc) to determine what happened to the ship radiosondes and why invalid radiosonde profiles are contained in the QA PREPQC.

Eric Fetzer is to reconcile the PREPQC data files ingested by NOAA and by GSFC DAAC. Are they the same data? And are the quality controlled by the same methods.

Evan Manning will modify matchup files to include AVN Forecast for radiosonde position and each matched AIRS retrieval position.

Larry McMillin and Larrabee Strow are to formulate method of extending RAOBS profiles in the RTP file. (Note: try using simulation system as default for defining atmospheric state – Evan Fishbein)

Eric Fetzer will to report on the current status of the Product file content and parameter validity

Evan Fishbein is to provide the science team with the directory location of the 15 December 2000 simulation without clouds.

Evan Fishbein to re-issue previous IOM regarding AIRS product definition with respect to layers/levels and layer averages. (Original question from Bob Atlas).

Mark Hofstadter and Evan Fishbein will coordinate the new vis/NIR and IR simulation schedule

Edward Olsen and Sung-Yung Lee to coordinate the schedule for delivery of the biased and unbiased radiances using two different RTAs . The radiances are required to extract clear FOV radiances for delivery to Larry McMillin. The RTAs are required by both Mitch Goldberg and Joel Susskind.

Chris Barnet is to investigate the impact of correlated radiance errors on the initial regression.

Sung-Yung Lee is to coordinate defining and implementing the dynamic radiance error estimate (i.e., get NeN from calibration rather than channel properties table)

Bob Atlas, Mitch Goldberg and Joel Susskind to coordinate simulating a week (or month) of radiances for early testing by DAO with the Nature Run of September, 1999